



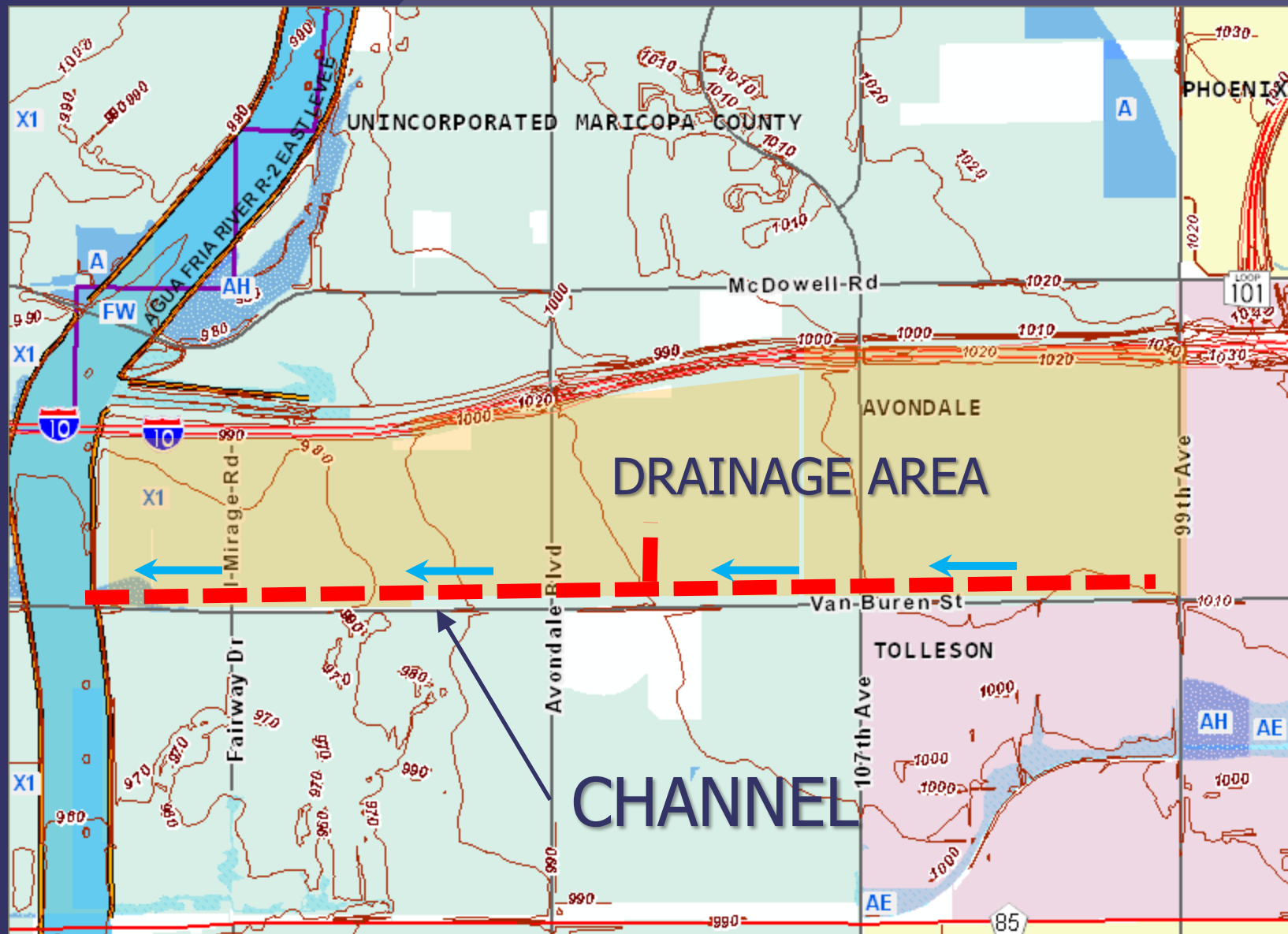
Public Meeting No. 1  
March 20, 2013  
City of Avondale

# **VAN BUREN STREET CHANNEL PROJECT**

**(99<sup>TH</sup> AVENUE TO AGUA FRIA RIVER)**

**Gary Wesch, P.E.  
Project Manager**

# Project Location



# Van Buren Street Channel



Phase I

Avondale Blvd

CITY CENTER

107th Ave

Phase II

99th Ave

VAN BUREN ST  
CHANNEL





# Background

- Requested by Avondale in 2009 CIP Prioritization, approved
- Project provides
  - Drainage outlet to Agua Fria for developing 2.2 Sq. Mi. area south of I-10, including Avondale City Center
  - Drainage along Van Buren
  - Trail connection to Agua Fria River
  - Landscaped channel to enhance community character
- Design Concept Report prepared



# Project Features

- 10-year design flows
- Phase I - 8,300 lf Agua Fria to 113th Ave
  - Landscaped channel on north side of Van Buren with multi-use trail
  - Utilizes existing retention basins
  - Agua Fria Levee penetration with box culvert
  - Box culverts at road crossings
- Phase II - 9,500 lf 113<sup>th</sup> to 99<sup>th</sup>
- \$13.8 Million estimated cost



# Agua Fria east levee at Van Buren



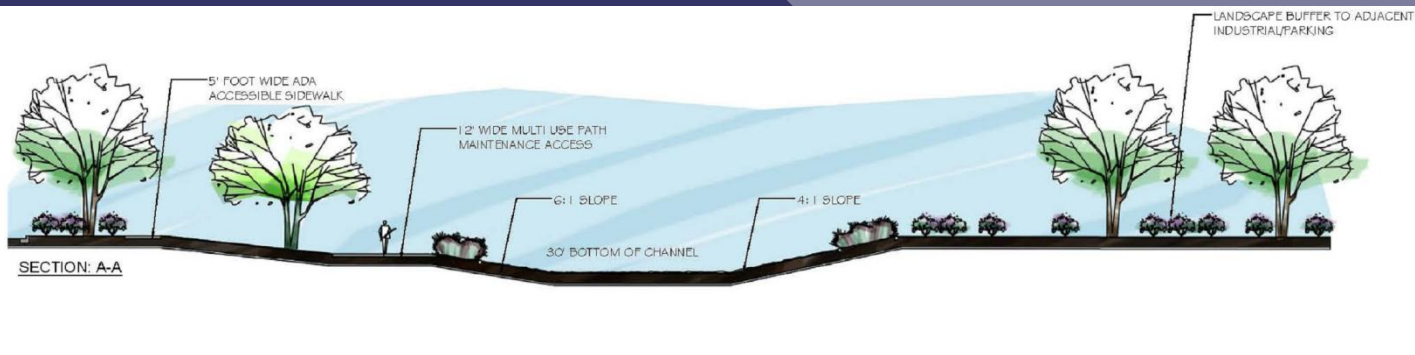


# Channel will utilize existing retention basins



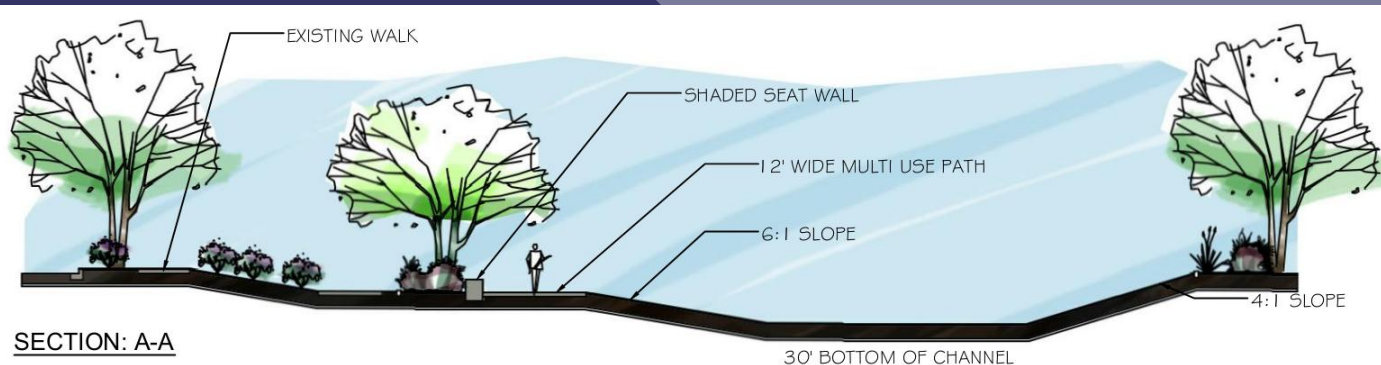


# Channel-Industrial area

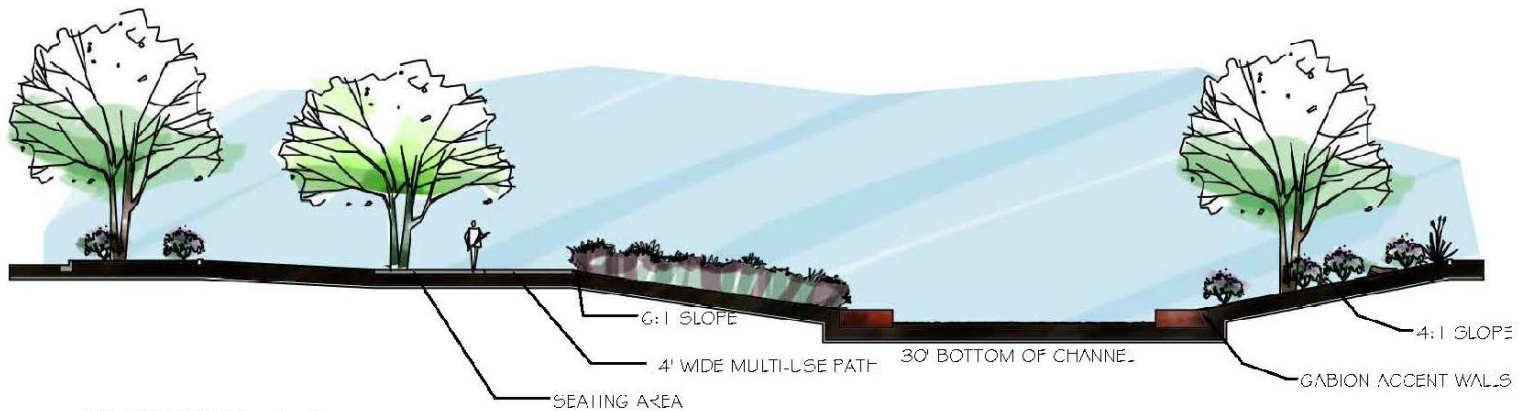




# Channel-Residential area



# Channel-City Center area



**SECTION: A-A**



# Upcoming milestones

- 2013-Complete DCR
- 2013-Agreement with Avondale for Design, Rights of Way Acquisition, Utility Relocation, Construction, Operation & Maintenance
- 2013-14 Prepare Final Design
- 2013-15 Acquire Rights of Way for Project
- 2014-15 Relocate conflicting utilities
- 2015-16 Construct Phase I



**Questions?**

